

ABSTRACT

An alternating pressure valve system is provided comprising a blower with an air intake and an air outlet; a rotor valve assembly connected to the air outlet from the blower where the rotor valve assembly comprising: a housing with an air intake, a first air outlet, a second air outlet, and a circular chamber; and a wedged shaped rotor valve rotatably contained within the
5 circular chamber of the housing such that the rotor valve can rotate to partially block the first air outlet, partially block the second air outlet, or block neither air outlets; The rotor valve is preferably controlled by a gearmotor and pressure sensors to detect the relative pressure in each outlet.

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